

Proposal for Supplement 2 to the 04-series of Regulation No. 10

Note: The text reproduced below was prepared by the expert from the International Electrotechnical Commission (IEC) in order to clarify some provisions in Regulation No. 10. The text is based upon the 04 series of amendments of Regulation No. 10 up to and including Corrigendum 1 and Supplement 1. The modifications to the current text of Regulation No. 10 are marked in bold characters.

I. Proposal

Insert a new paragraph 3.2.10, to read:

“3.2.10. The applicant shall specify the approval number(s) according to the Regulation(s), other than this Regulation No. 10, for which approval has also been granted, if applicable.”

Insert a new paragraph 4.2.4, to read:

“4.2.4. In case an ESA is (part of) a light source and if:

- this ESA is subject to approval according to Regulation No. 37, Regulation No. 99 or Regulation No. 127; and/ or,**
- this ESA is mechanically interchangeable with any (replaceable) approved light source according to Regulation No. 37, Regulation No. 99 or Regulation No. 127;**

then approval according to Regulation No. 10 shall be refused if no approval according to Regulation No. 37, Regulation No. 99 or Regulation No. 127 was granted.”

II. Justification

It appears that LED retrofit light sources are offered to the market with Regulation No. 10 approval, only. Basically, an R10 approval is not incorrect. However, if such LED retrofit light sources are equipped with a cap that is mechanically interchangeable with approved light sources (IEC cap) this suggests that they are suitable for use in vehicle lighting and light signalling devices. So far, this is often not the case and can be detrimental to traffic safety. (See GRE-66-19 or WP.29-156-08.)

IEC is of the opinion that such approval according to only Regulation No. 10 is an incorrect (incomplete) use of the Regulatory system, just for acquiring an E-mark; such LED Light Sources shall (also) be subjected to approval according to the Regulation No. [127] for LED light sources. Such practice may also concern HID ballasts or LED electronic parts.

This proposal is a generic proposal to require approval according to a light source regulation prior to an application for approval according to Regulation No. 10.